

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 31   | "6326740"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/08/28<br>14:58 |
| L2    | 17   | "5521491"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/08/28<br>14:58 |
| L3    | 6    | "5452173"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/08/28<br>14:58 |
| S1    | 908  | (sens\$3 or<br>detect\$3) near4<br>(voltage and<br>current) and<br>determin\$3<br>near4 phase<br>near4 angle<br>and reference<br>and (load or<br>lamp or light) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/08/14<br>22:19 |
| S2    | 4828 | 315/291.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/08/14<br>22:20 |
| S3    | 2742 | 315/224.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/08/14<br>22:20 |
| S4    | 988  | 315/244.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/08/14<br>22:20 |

|     |       |                 |   |    |    |                     |
|-----|-------|-----------------|---|----|----|---------------------|
| S5  | 3128  | 315/209r.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:20 |
| S6  | 3183  | 315/307.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:20 |
| S7  | 97    | 315/296.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:23 |
| S8  | 95697 | "315"/\$7.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:23 |
| S9  | 8     | S1 and S2       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:23 |
| S10 | 6     | S1 and S3       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:23 |
| S11 | 0     | S1 and S4       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:23 |
| S12 | 5     | S1 and S5       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:23 |
| S13 | 6     | S1 and S6       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:24 |

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|-----|-------|---|---|----|----|---------------------|
| S14 | 0     | S1 and S7   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:24 |
| S15 | 44    | S1 and S8   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:24 |
| S16 | 29    | S15 and degree  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:25 |
| S17 | 43287 | (puls\$3 or<br>comparat\$3)<br>same square<br>near4 wave\$1           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:30 |
| S18 | 4     | S16 and S17   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:30 |
| S19 | 95    | (puls\$3 or<br>comparat\$3)<br>same square<br>near4 wave\$1<br>and S1 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/08/14<br>22:31 |

8/ 28/ 10 3:09:35 PM

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